

From owner-boatanchors@gnu.ai.mit.edu Sat Dec 10 17:44:18 1994
Date: Sat, 10 Dec 94 10:19:48 HST
From: jeffrey@math.hawaii.edu (Jeffrey Herman)
Message-Id: <9412102019.AA01608@kahuna.math.hawaii.edu>
Subject: BA-related stuff from .swap

Here's some more BA-related stuff from the .swamp // Jeff NH6IL

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Article: 17982 of rec.radio.swap  
>From: Tim Vogle <tim.vogle@oit.gatech.edu>  
a friend of mine has this and he wanted to know if it was of any value.  
Collins type 476d-1 distortion analyzer 0-30 MHz it also has a sticker  
that says ts2428/u test set/radio.  
This is a big unit that has 2 audio input an rf in and out and some built  
in push button attenuators plus lots of big knobs and little knobs.  
anybody interested or know what it might be worth.

Article: 18001 of rec.radio.swap  
>From: 3jpd4@qlink.queensu.ca (Demers Jonathan P)  
I'm having a hell of a time finding a 6BW4/EZ80 tube for a little PA. Any  
sources (preferably in Canada)?

Article: 18006 of rec.radio.swap  
>From: rmccarty@netcom.com (roger mccarty)  
Can anyone help me find a sub for a 6BE6? Or the original is ok too.

Article: 18011 of rec.radio.swap  
>From: Cal Eustaquio <ceustaqu@ohm.elee.calpoly.edu>  
Hey you folks with an orphan Drake 2A or 2B receiver w/o q-multiplier!  
I am splitting up my Drake 2A package. The Drake 2AQ Q-multiplier  
is in excellent shape (no front panel scratches, dents, etc). Works  
beautifully with any 2A,2B, 2C?, or any other 455 khz if rcvr. Will sell  
for \$70.00 or best offer shipped! The Drake 2A is still available but it  
has some front panel wear marks near the switches. Otherwise the cabinet  
and the electronics are in excellent shape. Includes manual and 2AC  
calib.\$ 60 o.b.o.(also shipped). Of course,the whole affair is still  
\$110.00 (not shipped). Contact me via e-mail on the units. 73's. Cal, N6KYR

Article: 18026 of rec.radio.swap  
I have a Johnson Challenger that is in fairly good condition.

This is an 80 through 10 crystal controlled transmitter that was quite often used for Novice operation. I will ship it for \$60. If interested, E-mail or call me at 513-683-2676.

73, Jack WB8BFS

My address is jackg@xetron.com.

From owner-boatanchors@gnu.ai.mit.edu Sat Dec 10 09:00:23 1994

Date: Sat, 10 Dec 1994 05:02:29 -0800

Message-Id: <199412101302.FAA10621@ix.ix.netcom.com>

From: jlockwd@ix.netcom.com (Jim Lockwood)

Subject: Cleaning rust on an SX-28 chassis

Cleaning a chassis that has corroded is not fun, no matter how you do it. One technique to consider is the use of a phosphoric acid solution followed by a thorough water rinse and low heat "baking" to dry things out.

It works like this: With everything that can be damaged by moisture removed from the radio chassis (meters, speakers, tubes (yes, tubes!), cardboard, etc), wash the top layers of grease and crud with soap and water. Dawn dish detergent works well. Rinse thoroughly!

Next, using a windex-like bottle, spritz a dilute solution of phosphoric acid on the rusty sections of the still-wet radio. Be generous with this stuff. It smells awful, so use it in a well ventilated area, but don't skimp on the use of it. Let stand for a few minutes, then thoroughly rinse the chassis again.

If you have a source of compressed air, blow as much of the chassis dry as you can. Then put the whole thing in an oven on low heat, like less than 150 degrees F, and dry it out for an hour or two. Even after the radio is dry, I'd let it sit for a day or so before I powered it up again.

After the radio is dry, I'd consider spraying some clear \*\*enamel\*\*, not lacquer, on the formerly rusted areas to keep them sealed from the atmosphere.

.oOo.

Phosphoric acid is available in bulk at automotive paint supply houses. Look for Dupont Metal Conditioner. It's a green liquid available in quarts and gallons.

.oOo.

I specifically would avoid using a Scotch brite to clean an old chassis,

personally. The thing is awfully abrasive and if there is any area of the chassis that still has the factory zinc (or maybe cad) plating left, the scotch brite will damage that, doing more harm than good.

Good luck,

Jim Lockwood -km6nk

From owner-boatanchors@gnu.ai.mit.edu Sat Dec 10 21:18:24 1994  
From: n5off@w5ddl.aara.org  
Date: Sun, 11 Dec 94 01:00:07 UTC  
Message-Id: <20617@w5ddl.aara.org>  
Subject: Is TMC still in business?

See subject.

Anyone know if Technical Materials Corp is still around?

73 de tom

From owner-boatanchors@gnu.ai.mit.edu Sat Dec 10 11:21:38 1994  
Date: Sat, 10 Dec 1994 08:07:38 +0000  
From: "\_o000o.\_" <johnb@thelair.zynet.com>  
Subject: Millen Monitorscope  
Message-Id: <Pine.3.89.9412100824.G17770-01000000@thelair.zynet.com>

Hello!

Does anyone have experience with the small Millen rackmount monitor scopes? I'm about to dive into one and would love schematics, a copy of the manual, anecdotes (true, preferably!) or advice in using this. It is model 90903-74, and is about 4" high, and the standard relay rack width.

A very warm and happy Holiday to all of you,

/john

-----  
/ John Brewer - WB50AU /  
/ johnb@thelair.zynet.com /  
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From owner-boatanchors@gnu.ai.mit.edu Sat Dec 10 01:34:46 1994  
Date: Thu, 08 Dec 94 09:34:32 UTC  
Message-Id: <267@ki5sl.ampr.org>

From: ki5sl@ki5sl.ampr.org (Rick\_Blank)  
Subject: Re: Re: Amp Supply LK550-ZC Help ...

In message <9412091404.AA177165@rs2> Doug Snowden writes:

> >  
> > 200 mA or so is usually found in the Drake and Heath amps when  
> > the SSB plate voltage is selected. I'd bet that a similar level  
> > was "normal" for the LK550. Saves a lot of wasted power.  
> >  
> > The best answer, though, is to look at the LK550 manual to see  
>  
>  
> OK, and heres my .02 worth. When you finally decide to fix it, and I  
> beleive the zener diode is probably shorted, or you have HV that is higher  
> than it used to be, do this:  
>  
> Get about 15 diodes 1KV @ 1 amp type. (I use 1kv @3amps) Put them all in  
> series on a small board. replace you zener diode with this arrangement.  
> Start out with about 10 of them active and 5 of them shorted out. Play  
> around with the number of diodes in series, varying the voltage drop until  
> the idle current is right. In my Henry 2KD5 amplifier I replaced the  
> electrolytics with some much bigger ones. This caused the HV to rise and  
> I had the exact same problem you had....  
>  
> 73  
>  
>  
>  
>  
> Doug Snowden  
> dsnowden@ccd.harris.com  
>  
>  
>

Thanks, Doug, that's one of the avenues that I will travel! I too  
fell like the problem is in the Zener...it just doesn't "feel"  
right and with the available power supply, etc., I just feel like  
it shouldn't take everything the FT990 has to drive it to full  
legal limit, but as I make little improvements in the amp, it  
seems to drive better.

I put this inquiry out on both the BA list and the Ham-Tech mail  
lists and the best and most intelligent answers that have returned  
have been from the BA'ists!

That's no surprise to us, though, is it?

Rick Blank, KI5SL

ki5sl@sat.ampr.org  
2223 Blanco Road  
San Antonio, Texas 78212  
end

From owner-boatanchors@gnu.ai.mit.edu Sat Dec 10 01:14:47 1994  
From: Fire Bottle archive handler <firebotl@jackatak.theporch.com>  
Subject: Something for the Season!!!!  
Date: Fri, 9 Dec 1994 22:12:47 -0600 (CST)  
Message-Id: <9412092212.aa13830@jackatak.theporch.com>

> IS THERE A SANTA CLAUS?

> Santa, meanwhile, will be subjected to centrifugal forces  
> 17,500.06 times greater than gravity. A 250-pound Santa (which seems  
> ludicrously slim) would be pinned to the back of his sleigh by 4,315,015  
> pounds of force.

"\*Ludicrously\* Slim?" Thanks, my Christmas Gift arrived early! I'm 260  
and rising, this time of year, and now I understand why it is so hard  
to get out of the recliner! ;^)

> Hope it's not too early to wish one and all a Very Merry Christmas!!!  
I hope not, too.... but, I hope it isn't too late, either! ;^)

73,

Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657 -- all from the mobile! ;^)

Fire Bottle Server (Boat Anchors Get Out and Keep You Warm!)

firebotl@jackatak.theporch.com

Where Old Radios and Fun ... GO TOGETHER!

+-----human interface: root@jackatak.theporch.com-----+

From owner-boatanchors@gnu.ai.mit.edu Sat Dec 10 01:02:12 1994  
From: TOM.A.ADAMS@mail.admin.wisc.edu  
Subject: SX-28 Dial  
Date: Fri, 09 Dec 94 22:05 CST  
Message-Id: <EC9M0500.EC9M0511@mail.admin.wisc.edu>

to: boatanchors@gnu.ai.mit.edu

Hello Bobbi.

Re. that wierd shutter thing on the SX-28 dial; that's supposed to be a  
pointer that moves from scale to scale as the bandswitch is changed. The dial  
lamps move with it because it's supposed to cast it's shadow on the back of  
the dial disk.

Among the (far too many) projects for the future here is ANOTHER SX-28 in need of an overhaul! This one at least makes noise, but not too well.

Re. chassis crud; believe me, it could be MUCH worse! The previous owner of this one decided to stop chassis corrosion once and for all by painting the whole damned chassis with Navy Gray enamel! I dunno HOW I'm gonna deal with that mess!

73's,

Mr. T. K9TA

From owner-boatanchors@gnu.ai.mit.edu Sat Dec 10 05:33:16 1994  
Date: Sat, 10 Dec 1994 04:16:14 -0500 (EST)  
From: "Roberta J. Barmore" <rbarmore@IndyNet.indy.net>  
Subject: Re: SX-28 Dial  
Message-Id: <Pine.3.89.9412100329.A11719-0100000@IndyNet>

Hi, Tom & the gang!

On Fri, 9 Dec 1994 TOM.A.ADAMS@mail.admin.wisc.edu wrote:

> Re. that wierd shutter thing on the SX-28 dial; that's supposed to be a  
> pointer that moves from scale to scale as the bandswitch is changed. The dial  
> lamps move with it because it's supposed to cast it's shadow on the back of  
> the dial disk.

I learned as much, earlier this evening, reading the manual; so my SX-28 is \*not\* complete, and I shall be going into the small-scale tin-bending biz before it's all done. (The manual doesn't show the gadget very well--Tom, what would you want in return for some rough sketches and precise measurements?)

The cord that drives the "markers" behind both dials is altogether gone, however. I'm hoping to find a Photofacts at the library that'll show the path.

> Among the (far too many) projects for the future here is ANOTHER SX-28 in  
> need of an overhaul! This one at least makes noise, but not too well.

Well, that's a start! Mine dates from '43, and looks to have been redded-up--but not at all restored--at some point. From the evidence (chopped-off plastic line cord, mostly), it was probably playing as recently as 20 years ago. At least by the time this one rolled out of the factory, they's stopped running the B- return through an "ordinary 110 outlet" on the back panel. \*Sheesh!\* A crude dodge by an outfit that knew better. One has to wonder how many of the non-manual-reading set got a nasty surprise.

> Re. chassis crud; believe me, it could be MUCH worse! The previous owner  
> of this one decided to stop chassis corrosion once and for all by painting  
> the whole damned chassis with Navy Gray enamel! I dunno HOW I'm gonna deal  
> with that mess!

Full disassembly and a visit to the highest-tech local auto body shop? It's unfortunate he painted the chassis--Hallicrafters, in a nice bit of paranoia, silkscreened the chassis with tube numbers, as well as having them hot-stamped on the sockets!

I'm about resigned to having to pull mine all apart to get the rust off, unless someone on the list has a better suggestion. With the bandswitch bolted into the chassis the way it is, it'll be an ugly task. I'll try a thorough washing and perhaps a brass wirebrush first; it looks to be on the top side only--underneath it's just neglected-radio ugly.

There's a bit of rust on the front panel, now that I've had a chance to look close, down in the "cracks" in the pattern. I don't know if the big-crackle pattern is cast in the metal or not; it seems to be. If so, I suppose I can strip it and start from scratch, unless it's light enough a mild abrasive will get it off. A toothbrush and water didn't do much!

The cabinet is 'way rusted, and a candidate for professional stripping/priming, at least. I'd like to get the paint baked, too, if I can find some place that can match the original grey crackle.

This is going to be an interesting project. It will probably take all winter at least. Some parts, like the metal skirts on the knobs, probably can't be made showroom-new (except the index on the bandset, that's simple enough), but I'll get it close as I can!

73,  
--Bobbi